Minutes for Subcon STCG - August 7, 1996

Attendees:

KJ Koegler	BHI	372-9294/H0-18
Donna Wanek	DOE	376-5778/H0-12
Jim Hanson	DOE	372-4503/K8-50
Paul Beaver	EPA	376-4919/B5-01
Ralph Patt	Oregon/HAB	503-378-8665
Paul Rudnick	ETP	206-464-6282
Ted Anderson	BHI	372-9343/H0-18
Joanne Hershey	BHI	372-9688/H0-18
Jackie Schmid	WHC	376-0241
Arlene Tortoso	DOE	375-9631
Mike Truex	PNNL	372-1220
John April	CHI	372-9590
Dib Goswami	Ecology	736-3015
Gary Ballew	ETP	736-5711
Fenggang Ma	Ecology	736-3035

AGENDA

8:30	NABIR, Mary Peterson
9:00	Bioremediation - Partitioning Coefficients, Mike Truex
9:30	In Situ REDOX Comments
9:45	Break
10:00	Portable Selective Technology - Jim Hanson
10:30	Introduction to electro-kinetics, Kim Koegler
11:00	FY 97 Needs, Donna Wanek
11:15	Status/Updates/Upcoming Events
11:30	Future Agenda Items/Set Next Meeting Date/Close

Actions:

1. Jim Hanson - Obtain further information on obtaining funding for Hanford Barrier Development
2. Jim Hanson - Send short TTP for Portable Selective Technologies to Bob Mcleod of DOE, Jeanne Wallace of Ecology, and Dave Einan of EPA
3. Donna Wanek - get latest version of proposal on bioremediation for comments at next meeting.
4. Donna Wanek - check with Shannon on 97 needs format
5. Kim Koegler - get data on what has been done elsewhere (Europe & Sandia) regarding electro-kinetic research and follow up with David Olson and Phil Staats to ensure project support.
6. Kim Koegler - get Bob Potter to review proposal for electro-kinetics
7. Jim Hanson - provide update on the EM/ER proposals being funded.

Status/ Updates to the Subgroup

- It was suggested to Jim Hanson that the STCG should invite some of the scientific community to participate in the group.
- 10 days from August 6th notices of funding should go out.
- There is a need to make sure that viable work being done is funded to completion.

In situ Redox

- Comments from Nez Perce - get John Fruchter to respond at the September meeting. No other comments were received.

Hanford Prototype Barrier

The Focus Area is not funding the Hanford proposal for additional barrier activities. Jim Hanson took an action to talk with Scott McMullen, DOE Idaho/barrier product line manager, to determine whether there would be an opportunity for further consideration. There appears to be inconsistencies in how the Focus Area is funding projects; with some possibility for consolidation of barrier technology research.

NABIR - Mary Peterson

- Mary was unable to attend.

Bioremediation - Partitioning Coefficient

Final report on bio is complete and will be out in the next few weeks. The subgroup agreed to review the bioremediation proposal and work on getting it sent to the Management Council for their consideration in September.

Portable Selective Technology

The proposal provides $600K to RL and $1M to Idaho to demonstrate sensor technologies. The primary focus of the work will be in the 300 Area. Technologies tested by PNNL will include a holographic ground penetrating radar system.

Electro-kinetics

Kim Koegler presented information to support a proposal using Electro-kinetics for containment of strontium in soils. The subgroup agreed that additional research into the technology's capabilities should be performed. Further information requested by the subgroup includes: expectations/results of previous testing, worker health and safety, and cost.

FY 97 Needs

Subgroup discussed preparation of the FY 1997 needs format. A copy of the FY 96 needs were also provided to the group.

General Info

- August 18-23, Seattle - Spectrum - presentations on technologies
- Tuesday, August 13th Management Council

Agenda for next meeting

8:30 In situ Redox comment resolution - John Fruchter
9:00 Bioremediation - Brian Hooker
9:30 Electro-Kinetics - Kim Koegler
10:00 Break
10:15 Trip Report - Stan Sobcyzk and Paul Danielson
10:30 FY 97 Needs - Donna Wanek
11:30 Status/updates - Jim Hanson/other

Meeting will be held on September 4, 1996 from 8:30 to 12:30 in room 2A01 of the Bechtel Building.

Handouts will sent by request only:

1. Electrical Resistance Tomography
2. Comments by Nez Perce to In Situ Redox Manipulation Field Injection Test Report
3. Three needs handouts - 1) Problem Prioritization Criteria, 2) Plumes Technology Needs, 3) Technology Needs/Opportunities Statement Outline
4. Electrokinetic Remediation of Strontium in 100-N Area Soils